

# Oil Field Environmental Incident Summary

**Incident:** 20141013170544      **Date/Time of Notice:** 10/13/2014 17:05

**Responsible Party:** ONEOK Rockies Midstream

**Well Operator:**

**Well Name:**

**Field Name:**

**Well File #:**

**Date Incident:** 10/12/2014      **Time Incident:** 18:00

**Facility ID Number:**

**County:** MCKENZIE

**Twp:** 149

**Rng:** 100

**Sec:** 18

**Qtr:**

**Location Description:** 2114 134th Avenue NW  
Arnegard, ND 58835

**Submitted By:** Mitch Anderson

**Received By:**

**Contact Person:** Mitch Anderson  
2700 Lincoln Avenue SE  
Sidney, MT 59270

**General Land Use:** Well/Facility Site

**Affected Medium:** Well/Facility Soil

**Distance Nearest Occupied Building:** 1 Mile

**Distance Nearest Water Well:** 1 Mile

**Type of Incident:** Tank Overflow

**Release Contained in Dike:** Yes - On Facility Site

**Reported to NRC:** Yes

	<b>Spilled</b>	<b>Units</b>	<b>Recovered</b>	<b>Units</b>	<b>Followup</b>	<b>Units</b>
<b>Oil</b>						
<b>Brine</b>						
<b>Other</b>	2200	Gallons				

**Description of Other Released Contaminant:**

Methanol, visible pooled quantity has evaporated/volatilized

**Inspected:**

**Written Report Received:**

**Clean Up Concluded:**

**Risk Evaluation:**

There were no immediate health hazards associated with this spill event.

**Areal Extent:**

No report from the field at this time

**Potential Environmental Impacts:**

There were no adverse environmental impacts associated with this spill event.

**Action Taken or Planned:**

Contaminated soil above the action levels will be transported off-site to a licensed landfill.

**Wastes Disposal Location:** Licensed and approved landfill

**Agencies Involved:** McKenzie County LEPC Director

**Updates**

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**Date:** 10/13/2014 **Status:** Reviewed - Follow-up Required

**Author:** Roberts, Kris

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Release due to tank overflow during methanol transfer on facility location. Followup is necessary.

Called company contact at 17:10 this date. Release due to inattention of operator. Majority of the methanol had been recovered or had evaporated. Facility is underlain by clay. Warned the contact that methanol, as it degrades in the soil, can generate explosive amounts of methane. Contact will conduct sampling to ensure contaminant removal from the facility soil.

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**Date:** 10/15/2014 **Status:** Inspection

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

10/15/14 at 11:23, on location. Met with report contact. Spill occurred when transferring fluid from large stock tank within secondary containment to the smaller tank outside of containment and adjacent to northwestern corner of compressor engine building. There was dried mud visible around smaller tank but no freestanding liquid visible. Contact dug into dried mud ~1/2 foot and found no freestanding liquid visible there as well. Drainage ditch runs alongside smaller tank (coming from where dried mud is visible) and flows around the compressor building to the south, going through two culverts before opening to the south side of the facility. Since no freestanding liquid remains, the flowpath of methanol was difficult to estimate. Based on dried mud, it does not appear that the methanol reached the first culvert, and so it would not have been able to make it off the facility grounds. Discussed with report contact; company has ordered a PID for the cleanup crew to use when excavating the dried mud around the smaller tank where the overflow occurred. Crew will take measurements as they excavate to make sure the excavation is deep enough. They also will take measurements in front of the first culvert to verify that no methanol flowed into it. Report contact will notify NDDoH of cleanup progress.

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**Date:** 8/20/2015    **Status:** Inspection

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

8/27/2015 at 14:53, on location. Excavated area has been filled in. No further followup required.